

Date: Tuesday, 23/09/2008 10:22:04 AM
 User: Julie Lecocq

Process Sheet

| | |
|---|--|
| Customer : CU-DAR001 Dart Helicopters Services | Drawing Name : PLUG |
| Job Number : 42221 | |
| Estimate Number : 10178 | |
| P.O. Number : | Part Number : D25941 |
| This Issue : 23/09/2008 S.O. No. : | Drawing Number : D2594 REV C |
| Prsht Rev. : NC | Project Number : N/A |
| First Issue : // Type : MACHINED PARTS | Drawing Revision : C |
| Previous Run : 41434 | Material : |
| Written By : | Due Date : 25/10/2008 Qty: 200 Um: Each |
| Checked & Approved By : <u>JLD 08.9.23</u> | |
| Comment : Est D 02.08.22 Make in Cobra KJ est E 06.12.11 ecn 836 EC | |

Additional Product

Job Number:



| | | |
|----------------|------------------------------|----------------------|
| Seq. #: | Machine Or Operation: | Description : |
|----------------|------------------------------|----------------------|

| | | |
|-----|--------------|-------------------------|
| 1.0 | M6061T6R0625 | 6061-T6 Round Bar .625" |
|-----|--------------|-------------------------|



(200)

Comment: Qty.: 0 f(s)/Unit Total: 11 f(s)
 Material: 5052-H32 (QQ-A-225/7) or 6061-T6 (QQ-A-225/8)
 1100-0 (QQ-A-225/1) Ø0.625" Rod
 (M5052H32R0.625) or (M6061T6R0.625) Batch M108548 mmf 08/07/28

| | | |
|-----|----------|--------------------------|
| 2.0 | HARDINGE | HARDINGE CNC LATHE SMALL |
|-----|----------|--------------------------|



(200)

Comment: HARDINGE CNC LATHE SMALL
 1-Make as per Dwg D2594-1 and Folio FA262.
 2-Break all sharp edges 0.010 max.

| | | |
|-----|-----|--|
| 3.0 | QC2 | INSPECT PARTS AS THEY COME OFF MACHINE |
|-----|-----|--|



(200)

Comment: INSPECT PARTS AS THEY COME OFF MACHINE mmf 08/07/28

| | | |
|-----|-----|--------------|
| 4.0 | QC8 | SECOND CHECK |
|-----|-----|--------------|



Comment: SECOND CHECK

AS 08/09/28 (200)

| | | |
|-----|-----------------|----------------------------|
| 5.0 | HAND FINISHING1 | HAND FINISHING RESOURCE #1 |
|-----|-----------------|----------------------------|



Comment: HAND FINISHING RESOURCE #1
 Acid etch and alodine as per QSI 005 4.1

YJ

08-10-01 (200)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Date: Tuesday, 23/09/2008 10:22:05 AM
User: Julie Lecocq

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: PLUG

Job Number: 42221

Part Number: D25941

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

POWDER COATING

POWDER COATING



M 109152



(200X)

Comment: POWDER COATING

Powder Coat Gloss White (Ref: 4.3.5.1) per Dart QSI 005 4.3 (only larger dia. section necessary)

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

11:00
320 OF
11:30

M-L

08/10/03

7.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



(200)

Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

FA 08/10/03

8.0

PACKAGING 1

PACKAGING RESOURCE #1



(200X)

Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

F-P - B

M-L

08/10/06

9.0

QC21

FINAL INSPECTION/W/O RELEASE



08/10/06

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



u 08.10.06

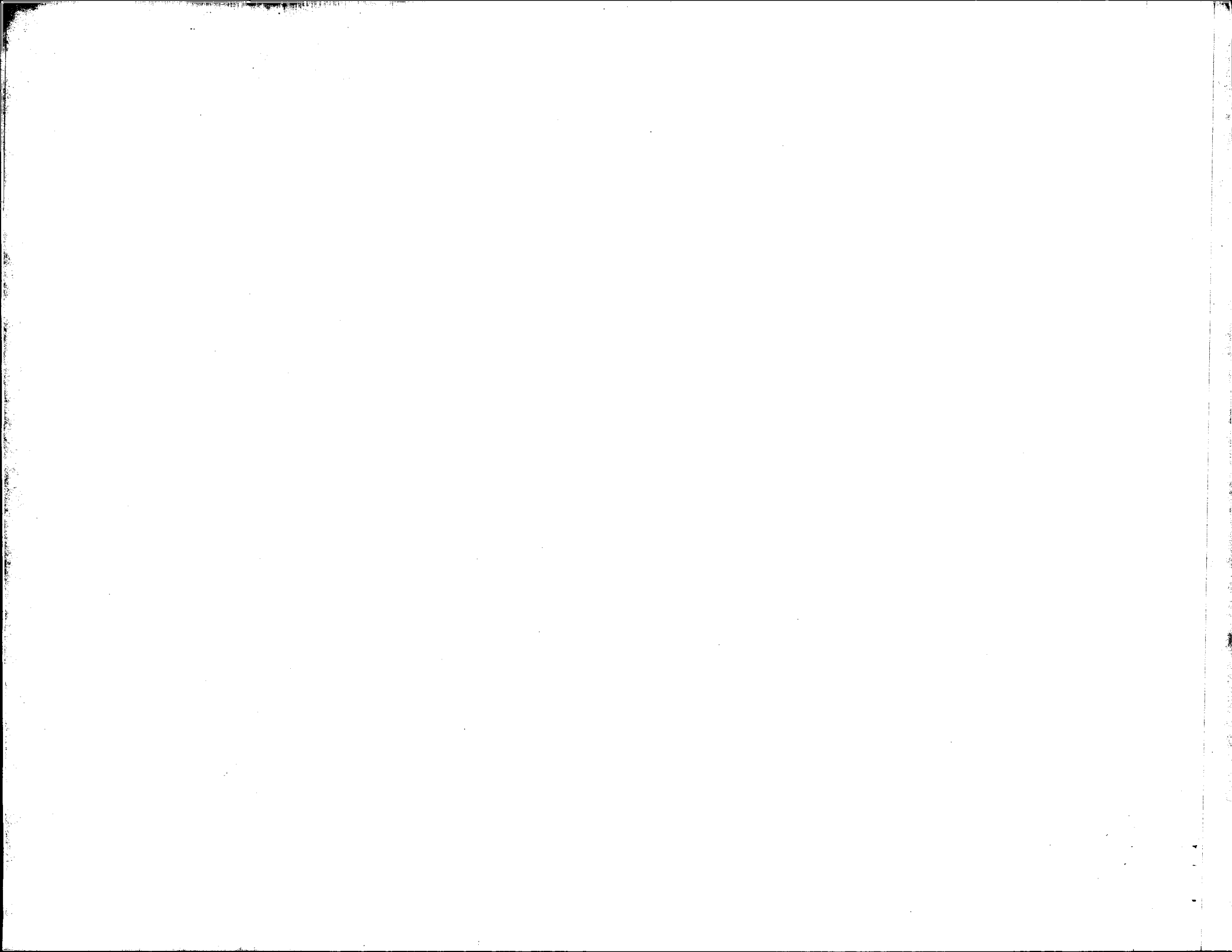
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

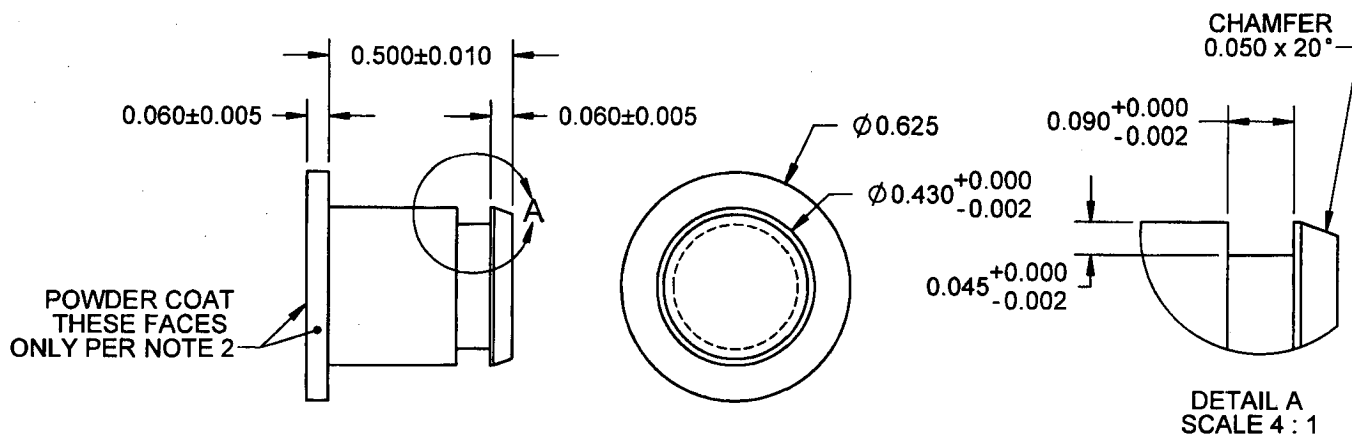




| DESIGN # | DRAWN BY C.B. | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
|-------------------------|-------------------------|--|------------------------|
| CHECKED LE | APPROVED [Signature] | DRAWING NO. D2594 | REV. C SHEET 1 OF 1 |
| DATE 06.11.20 | TITLE PLUG | | SCALE 2:1 |
| REV | DATE | DESCRIPTION | |
| A | 96.09.16 | NEW ISSUE | |
| B | 97.03.15 | ADD GROOVE AND O-RING | |
| C | 06.11.20 | ADD PWDR COAT; ADD MS P/N TO D2594-3; ADD AMS SPECS; ADD TOLERANCE NOTE | |

RELEASED

06.11.28



D2594-1 PLUG

D2594-1 PLUG NOTES:

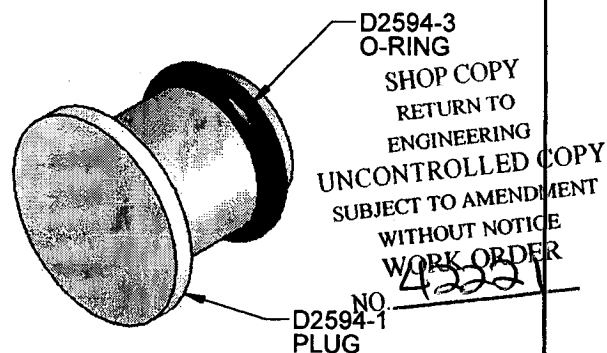
- 1) MATERIAL: ALUMINUM 5052-H32 ROUND BAR PER QQ-A-225/7 (REF DART SPEC M5052H32R) OR ALUMINUM 6061-T6/T651/T6510/T6511/T62 ROUND BAR PER QQ-A-225/8 OR QQ-A-200/8 OR AMS 4117/4128/4115/4116/4160 (REF DART SPEC M6061T6R)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT SPECIFIED FACES WHITE GLOSS (4.3.5.1) PER DART QSI 005 4.3 \triangle
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP EDGES TO 0.010 MAX

D2594-3 O-RING NOTES:

- 1) 5/16 ID, 7/16 OD, 1/16 WIDTH
- 2) POSSIBLE SUPPLIER P/N: PARKER 2-011 OR MS28775-011 \triangle

PARTS LIST:

| QTY | P/N | DESCRIPTION |
|-----|---------|---------------|
| X | D2594 | PLUG ASSEMBLY |
| 1 | D2594-1 | PLUG |
| 1 | D2594-3 | O-RING |



D2594 PLUG ASSEMBLY

COPYRIGHT © 1996 BY DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.